



**PURCHASING DEPARTMENT**

**ADDENDUM NO. 2**

**Issued 6/12/06**

**Addendum to City of Bryan Request For Bid #06-112**

**Bryan Justice Facility**

**Note all additional addendum items included hereafter and the revised drawings posted and available for download at:**

**<http://www.bryantx.gov/departments/purchasing/bids.htm>**

Bidders are required to acknowledge receipt of addendums in the space provided in the bid documents.

**ADDENDUM NO. 2  
TO  
Bryan Justice Facility  
Bryan, Texas  
RFB #06-112**

June 9, 2006

Project No: 20220  
From: Brinkley Sargent Architects, Inc.  
To: Bidders

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents.

**PROJECT MANUAL MODIFICATIONS**

- Item No. 1. Table of Contents**  
A. Added Section 04400- Stone  
B. Added Section 10650 – Operable Partitions  
C. Omitted Section 16741 – Telecommunications Cabling
- Item No. 2. Section 04400- Stone**  
A. Added section in its entirety.
- Item No. 3. Section 10650- Operable Partition**  
A. Added section in its entirety.
- Item No. 4. Section 16741- Telecommunications Cabling**  
A. Deleted section in its entirety.

**DRAWING MODIFICATIONS**

- Item No. 5. Sheet CVR – Cover Sheet**  
A. Modified Sheet List to indicate sheets modified and re-issued as part of this addendum.
- Item No. 6. Sheet 02 – Utilities Plan**  
A. Added revised routing of primary communications service and conduit notes as indicated on re-issued sheet.
- Item No. 7. Sheet 05 – Storm Drainage Plan and Profiles (2 of 3)**  
A. Added indications for CCTV and primary communications service as indicated on re-issued sheet.

- Item No. 8.      Sheet 06 – Storm Drainage Plan and Profiles (3 of 3)**  
A.      Added indication for primary communications service as indicated on re-issued sheet.
- Item No. 9.      Sheet A2.1.3 – First Floor Plan Detail Tags / Door Tags / Int. Elev. Marks / Finishes**  
A.      Added dimensions and interior elevation tags at Doors 1115B, 1137A and 1141A. Refer to re-issued sheet.
- Item No. 10.     Sheet A2.1.4 – First Floor Plan Detail Tags / Door Tags / Int. Elev. Marks / Finishes**  
A.      Added dimension and interior elevation tag at Door 1173A. Refer to re-issued sheet.
- Item No. 11.     Sheet A2.2.3 – Second Floor Plan Detail Tags / Door Tags/Int. Elev. Marks/Finishes**  
A.      Added interior elevation tag in Room 2095. Refer to re-issued sheet.  
B.      Modified interior elevation tag in Room 2017. Refer to re-issued sheet.
- Item No. 12.     Sheet A4.2.1 –Exterior Glazing Reference Elevations**  
A.      Issue new sheet.
- Item No. 13.     Sheet A4.2.2 –Exterior Glazing Reference Elevations**  
A.      Issue new sheet.
- Item No. 14.     Sheet A4.2.3 –Curtain Wall and Storefront Window Types**  
A.      Issue new sheet.
- Item No. 15.     Sheet A4.2.4 –Curtain Wall and Storefront Window Types**  
A.      Issue new sheet.
- Item No. 16.     Sheet A5.2.5 –Wall Sections**  
A.      Wall Section 13 renumbered to 12.  
B.      Partial Building Section 12 renumbered to 13.
- Item No. 17.     Sheet A5.2.6 –Wall Sections**  
A.      Wall Sections 7 and 9: Revised top of pier callouts to read “Ref. Struct.”.
- Item No. 18.     Sheet A6.1.1 –Plan Details**  
A.      Revised detail 1 as indicated on re-issued sheet.
- Item No. 19.     Sheet A8.1 –Door Schedule / Door Types**  
A.      Revised door type for Door 1123A from “A” to “D”.  
B.      Revised referenced door details for Door 1173A. Head detail is now 2/A8.2, jamb details are now 2 and 22/A8.2.  
C.      Revised door material for Doors 1082A, 1176A, 1181B and 1182B from “Steel” to “Aluminum”  
D.      Modified height of Door 1131A from 8’ to 7’.
- Item No. 20.     Sheet A8.2 –Door Details**  
A.      Revised width dimension of curtain wall shown in details 27 and 28 from 1-3/4” to 2-1/4”.

- Item No. 21. Sheet A9.3 –Interior Elevations**  
A. Added Elevation 16. Refer to re-issued sheet.
- Item No. 22. Sheet A9.4 –Interior Elevations**  
A. Added Elevation 20. Refer to re-issued sheet.
- Item No. 23. Sheet A9.5 –Interior Elevations**  
A. Added Elevation 15. Refer to re-issued sheet.
- Item No. 24. Sheet A9.6 –Interior Elevations**  
A. Added Elevation 11. Refer to re-issued sheet.
- Item No. 25. Sheet EC0.1.0 –Technology System one-Line Diagrams**  
A. Modified detail “B – Communications Backbone Cable Infrastructure Diagram” and modified key note “3” as indicated on re-issued sheet.
- Item No. 26. Sheet EC1.1.1 –Site Technology Systems Plan**  
A. Modified routing of primary communications service as shown on re-issued sheet.
- Item No. 27. Sheet EC2.1.1 –First Floor Technology Systems Plan**  
A. Added key notes 7 and 8 as shown on re-issued sheet.  
B. Added underground conduit to connect central data and animal control area as shown on re-issued sheet.
- Item No. 28. Sheet EC2.1.2 –First Floor Technology Systems Plan**  
A. Added key notes 7 and 8 as shown on re-issued sheet.  
B. Added underground conduit to connect central data and animal control area as shown on re-issued sheet.
- Item No. 29. Sheet EC2.2.1 –Second Floor Technology Systems Plan**  
A. Added general note 8 and key note 6 as shown on re-issued sheet.
- Item No. 30. Sheet EC3.0.1 –Technology Systems Details**  
A. Modified detail “E – ATM-Tele/Data Device Detail” as shown on re-issued sheet.
- Item No. 31. Sheet EC4.0.1 –Technology Systems Enlarged Plans**  
A. Modified key notes 4 and 11 to read “Not Used” and added key notes 14 and 15 as shown on re-issued sheet.  
B. Modified enlarged plans A and E as shown on re-issued sheet.

End of Addendum

## SECTION 04400 - EXTERIOR STONE CLADDING

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. This Section includes the following types of dimension stone:
  - 1. Panels set with individual anchors.
  - 2. Trim units, including copings.

#### 1.2 PERFORMANCE REQUIREMENTS

- A. General: Design stone anchors and anchoring systems according to ASTM C 1242.
- B. Structural Performance: Provide dimension stone cladding system capable of withstanding the effects of gravity loads and the following loads and stresses within limits and under conditions indicated:
  - 1. Wind Loads: Determine loads based on design wind pressures indicated on Drawings.
  - 2. Equipment Loads: Allow for loads due to cleaning and maintenance equipment.
- C. Safety Factors for Stone: Design dimension stone cladding system to withstand loads indicated without exceeding allowable working stress of stone determined by dividing stone's average ultimate strength, as established by testing, by a safety factor of 3.

#### 1.3 SUBMITTALS

- A. Product Data: For each stone accessory, and other manufactured products indicated.
- B. Shop Drawings: Show fabrication and installation details for dimension stone cladding system, including dimensions and profiles of stone units.
  - 1. Show locations and details of joints both within dimension stone cladding system and between dimension stone cladding system and other construction.
  - 2. Show locations and details of anchors and backup structure.
- C. Stone Samples: Sets for each color, grade, finish, and variety of stone required; not less than 12 inches (300 mm) square. Show entire range of texture, color, etc. that may be provided.

#### 1.4 QUALITY ASSURANCE

- A. Source Limitations for Stone: Obtain stone from a single quarry.

## 1.5 PROJECT CONDITIONS

- A. Environmental Limitations for Sealants: Do not install sealants when ambient and substrate temperatures are outside limits permitted by sealant manufacturer or below 40 deg F (5 deg C) or when joint substrates are wet.

## PART 2 - PRODUCTS

### 2.1 GRANITE

- A. Granite: Comply with ASTM C 615.
- B. Varieties and Sources: Subject to compliance with requirements, provide[ one of] the following:
  - 1. Black Absolute
- C. Finish: Polished.

### 2.2 ANCHORS AND BACKUP STRUCTURE

- A. Fabricate anchors from stainless steel, ASTM A 666, Type 304. Fabricate dowels and pins from stainless steel, ASTM A 276, Type 304.
- B. Postinstalled Anchor Bolts for Concrete and Masonry: Chemical anchors; torque-controlled expansion anchors, or undercut anchors made from stainless-steel components complying with ASTM F 593 and ASTM F 594, Alloy Group 1 or 2 (ASTM F 738M and ASTM F 836M, Alloy Group A1 or A4) for bolts and nuts; ASTM A 666 or ASTM A 276, Type 304 or 316, for anchors, with capability to sustain, without failure, a load equal to 4 times the loads imposed, for concrete, or 6 times the load imposed, for masonry, as determined by testing per ASTM E 488, conducted by a qualified independent testing agency.
- C. Threaded Fasteners:
  - 1. For stainless steel, use stainless-steel bolts, nuts, and washers; ASTM F 593 and ASTM F 594, Alloy Group 1 or 2 (ASTM F 738M and ASTM F 836M, Alloy Group A1 or A4).

### 2.3 STONE ACCESSORIES

- A. Setting Shims: Strips of resilient plastic or vulcanized neoprene, Type A Shore durometer hardness of 50 to 70, nonstaining to stone, of thickness needed to prevent point loading of stone on anchors and of depths to suit anchors without intruding into required depths of pointing materials.
- B. Weep and Vent Tubes: Medium-density polyethylene tubing, 1/4-inch (6-mm) OD and of length required to extend from exterior face of stone to cavity behind.

- C. Sealants for Joints in Dimension Stone Cladding: Manufacturer's standard chemically curing, elastomeric sealants of base polymer and characteristics indicated below that comply with applicable requirements in Division 07 Section "Joint Sealants" and do not stain stone.
  - 1. Single-component, neutral-curing silicone sealant[ ES-<#>].

## 2.4 STONE FABRICATION

- A. Control depth of stone and back check to maintain minimum clearance of 1/2 inch (25 mm) between backs of stone units and surfaces or projections of structural members, fireproofing (if any), backup walls, and other work behind stone.
- B. Dress joints (bed and vertical) straight and at right angle to face, unless otherwise indicated. Quirk miter corners.
- C. Finish exposed faces and edges of stone to comply with requirements indicated for finish and to match approved samples.
- D. Cut stone to produce uniform joints 3/8 inch (10 mm) wide and in locations indicated.
- E. Contiguous Work: Provide chases, reveals, reglets, openings, and similar features as required to accommodate contiguous work.

## PART 3 - EXECUTION

### 3.1 SETTING DIMENSION STONE CLADDING, GENERAL

- A. Execute dimension stone cladding installation by skilled mechanics and employ skilled stone fitters to do necessary field cutting as stone is set. Use power saws with diamond blades to cut stone.
- B. Set stone to comply with requirements indicated on Drawings and Shop Drawings. Install anchors, supports, fasteners, and other attachments indicated or necessary to secure dimension stone cladding in place. Shim and adjust anchors, supports, and accessories to set stone accurately in locations indicated with uniform joints of widths indicated and with edges and faces aligned according to established relationships and indicated tolerances.
- C. Provide expansion, control, and pressure-relieving joints.
- D. Keep cavities open where unfilled space is indicated between back of stone units and backup wall; do not fill cavities with mortar or grout.
  - 1. Place weep holes in joints where moisture may accumulate, including base of cavity walls, above shelf angles, and flashing. Locate weep holes at intervals not exceeding 24 inches (600 mm).

### 3.2 SETTING MECHANICALLY ANCHORED DIMENSION STONE CLADDING

- A. Attach anchors securely to stone and to backup surfaces. Comply with recommendations in ASTM C 1242.

- B. Provide compressible filler in ends of dowel holes and bottoms of kerfs to prevent end bearing of dowels and anchor tabs on stone. Fill remainder of anchor holes and kerfs with sealant indicated for filling kerfs.
- C. Set stone supported on clips or continuous angles on resilient setting shims. Use material of thickness required to maintain uniform joint widths and to prevent point loading of stone on anchors. Hold shims back from face of stone a distance at least equal to width of joint.

### 3.3 JOINT-SEALANT INSTALLATION

- A. Prepare joints and apply sealants of type and at locations indicated to comply with applicable requirements in Division 07 Section "Joint Sealants."

### 3.4 INSTALLATION TOLERANCES

- A. Variation from Plumb: For vertical lines and surfaces of walls, do not exceed **1/4 inch in 10 feet (6 mm in 3 m)** or **1/2 inch in 40 feet (12 mm in 12 m)** or more. For external corners, corners and jambs within **20 feet (6 m)** of an entrance, expansion joints, and other conspicuous lines, do not exceed **1/8 inch in 10 feet (3 mm in 3 m)** or **3/8 inch in 40 feet (10 mm in 12 m)** or more.
- B. Variation from Level: For lintels, sills, parapets, horizontal bands, and other conspicuous lines, do not exceed **1/8 inch in 10 feet (3 mm in 3 m)** or **3/8 inch (10 mm)** maximum.
- C. Variation of Linear Building Line: For positions shown in plan, do not exceed **1/4 inch in 20 feet (6 mm in 6 m)** or **1/2 inch in 40 feet (12 mm in 12 m)** or more.
- D. Variation in Joint Width: Do not vary from average joint width more than plus or minus **1/8 inch (3 mm)** or a quarter of nominal joint width, whichever is less.
- E. Variation in Plane between Adjacent Stone Units (Lipping): Do not exceed **1/16-inch (1.5-mm)** difference between planes of adjacent units.

### 3.5 ADJUSTING AND CLEANING

- A. In-Progress Cleaning: Clean dimension stone cladding as work progresses. Remove excess sealant and smears as sealant is installed.
- B. Final Cleaning: Clean dimension stone cladding no fewer than six days after completion of pointing and sealing, using clean water and stiff-bristle fiber brushes. Do not use wire brushes, acid-type cleaning agents, cleaning agents containing caustic compounds or abrasives, or other materials or methods that could damage stone.

END OF SECTION



10650  
OPERABLE PARTITIONS

PART 1 GENERAL

1.01 Work Included

- A.. Furnish all labor, materials, services and equipment required in conjunction with or properly incidental to operable partitions as described herein and/or as shown on the drawings.

1.02 Related Work

- A. Section 05120: Structural Steel
- B. Section 06400: Architectural Woodwork
- C. Section 09510: Acoustical Ceiling Systems

1.03 Submittals

- A. Submit under provisions of Section 01300.
- B. Shop Drawings: Indicate opening sizes, track layout, details of track and required supports, static and dynamic loads, adjacent construction and finish trim, and stacking sizes.
- C. Product Data: Provide data on partition operation, hardware and accessories.

1.04 Product Handling

- A. Protection: Use all means necessary to protect the material of this section before, during and after installation and to protect the installed work and materials of all other trades.
- B. Replacements: In the even of damage, immediately make all repairs and replacements necessary to the approval of the Architect and at no additional cost to the Owner.

PART 2 PRODUCTS

2.01 Moveable Partitions

- A. Manufacturers, subject to the requirements stated herein:
  - 1. Advanced Equipment
  - 2. Modernfold
  - 3. Panelfold
- B. Model/ Features:
  - 1. Second Floor Community Room / Court Room: Advanced Equipment Co. Model 5MR11H10; center stacked, single panels; clear anodized trimmed panels; gamma panels with wood type 1 veneer (as specified in section 06400).

2.02 Operation

- A. Operation shall consist of a series of manually operated flat panels, top supported.

### 2.03 Panel Configuration

- A. Series of single panels, center stacking, manually operated.

### 2.04 Panels

- A. Panels shall be one piece, with clear anodized aluminum trim. Nominal 4" thick construction. Continuous panel faces; ½" rigid backerboard. Tongue and groove vertical intersections with gaskets. No visible fasteners. Appearance and security are of primary concern. Acoustics is not primary consideration.

### 2.05 Panel Surfaces

- A. Panel surfaces shall receive wood veneer (type 1 as specified in section 06400).

### 2.06 Hanging Weight

- A. Panels hanging weight shall be no more than 8 pounds per square foot.
- B. Horizontal top seals shall be continuous contact extruded vinyl shapes.
- C. Horizontal bottom seals shall be clearance type, mechanical, tool operated exerting nominal 200 lb pressure downward, paired panel models.

### 2.07 Suspension System

- A. Heavy steel track, supported by adjustable steel hanger rods. Panels shall be supported by trolley assemblies of sealed steel ball-bearing wheels.

### 2.8 Stack Space Doors and Frames.

- A. Provide doors and frames for stack spaces; configuration as shown on drawings.

## PART 3 EXECUTION

### 3.01 Surface Conditions

- A. Inspection
  1. Prior to installation of the work of this section, carefully inspect the installed work of all other trades and verify that all such work is complete to the point where this installation may properly commence.
  2. Verify that doors may be installed in complete accordance with the manufacturer's recommendations, the approved shop drawings, and the original design.
- B. Discrepancies
  1. In the event of discrepancy, immediately notify the Architect.
  2. Do not proceed with installation in areas of discrepancy until all such discrepancies have been fully resolved.

### 3.02 Installation

- A. Install the folding doors in complete accordance with the manufacturer's recommendations, shop drawings, and the original design, anchoring all components securely in place for long life under hard use.

1. Fit and align partition assembly level and plumb.
  2. Lubricate moving components.
  3. Adjust partition assembly to provide smooth operation from stacked to full open position.
  4. Adjust to achieve light tight seal.
- B. Provide 2 x 6 wood blocking behind surface finish where door contacts wall(s).
- C. Recess interlock at wall, where door intersects wall.
- D. Coordinate steel hole punching diagram; provide required steel framing with prepunched holes per Section 05010, Miscellaneous Metals.
- E. Moveable door/wall system shall extend wall- to- stack space door.

END OF SECTION